

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-002534**Date Inspected:** 27-Jan-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu Jun**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower Mock-Ups**Summary of Items Observed:**

The Caltrans Quality Assurance Inspector (QA), M. Paul Stovall, was present at Zhenhua Port Machinery Company, (Z. P. M. C.), on Changxing Island, Shanghai, China for the purpose of monitoring the fabrication of the SAS/San Francisco/Oakland Bay Bridge.

At the 114-meter Mock-Up, the QA Inspector observed Z. P. M. C. personnel drilling boltholes into Skin E with the template in place. These bolt holes are for the future installation of bolted attachments and connections.

The QA Inspector observed Z. P. M. C. welding personnel Li Zheng Xu, ID #066179, weld joint number MUSA-SA104-A/B-70, using Welding Procedure Specification (WPS)-B-T-3212-Tc-U5b. The QA Inspector verified the WPS variables, and recorded 229 amps.

Summary of Conversations:

The QA Inspector had no substantial conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Stovall,Paul

Quality Assurance Inspector

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Reviewed By: Cochran,Jim

QA Reviewer